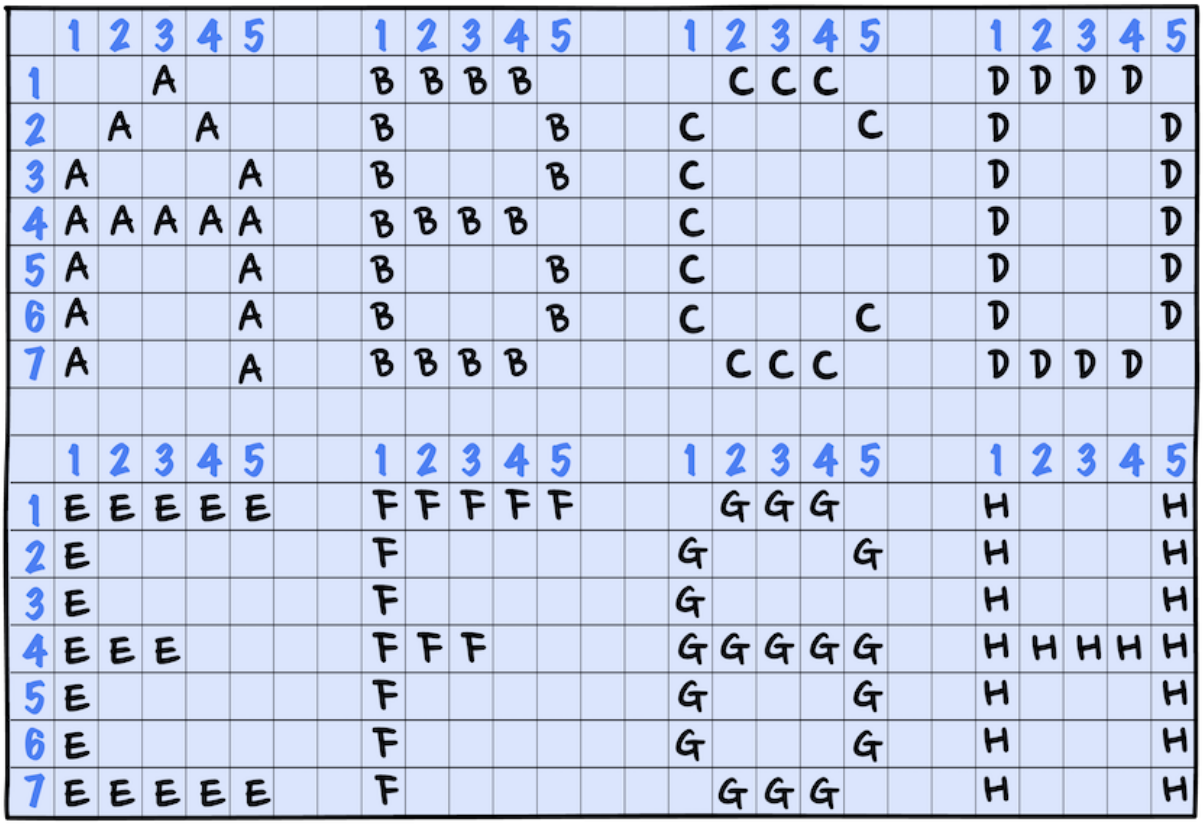
PROJECT

Block Letters

ASCII art is a graphic design technique that uses computers for presentation and consists of pictures pieced together from individual characters.

Write a Python program called **initials.py** that displays the initials of your name in block letters as shown and dip your toes into ASCII art.



Happy coding!

Tasks

5/5 Complete

Mark the tasks as complete by checking them off

What we are building in this project:

1.

Take a look at the complete alphabet and find your initials. Notice how each block letter is 7x5 and formed by the letter itself.

My initials are S and L, so my **initials.py** program should output:

```
 SSS   L
S   S  L
S      L
 SSS   L
    S  L
S   S  L
 SSS   LLLLL
```

Once you are ready, mark this task complete by checking off the box.

Hint

initials.py should use multiple `print()` statements to output your initials in block letters.

The numbers in the grid are there to help represent the dimensions of each block letter; you shouldn't include the numbers in your strings.

Setting up:

2.

First, write two comments with:

- Your first and last name.
- A fun fact about yourself.

Hint

A Python comment starts with a `#` and continues to the end of the line:

```
# Sonny Li
# Fun Fact: I played guitar in a band called Attica.
```

3.

Output your first initial as a block letter. There are a few ways to do this!

Press **Save** to run your program.

Hint

The program can look like this if your first initial is S:

```
print("  SSS  ")
print(" S   S ")
print(" S     ")
print("  SSS  ")
print("     S ")
print(" S   S ")
print("  SSS  ")
```

If you want to use a multi-line string instead, store the string in a variable using triple quote-marks:

```
name = """
  SSS
```

```
 S   S
 S
  SSS
     S
 S   S
  SSS
"""

print(name)
```

4.

Output your second initial as a block letter by adding to the `print()` statements.

Press **Save** to run your program.

Hint

The program should look something like this:

```
print("  SSS   L     ")
print(" S   S  L     ")
print(" S      L     ")
print("  SSS   L     ")
print("     S  L     ")
print(" S   S  L     ")
print("  SSS   LLLLL ")
```

For multi-line string:

```
name = """
  SSS   L
 S   S  L
 S      L
  SSS   L
     S  L
 S   S  L
  SSS   LLLLL
"""

print(name)
```

Solution:

5.

Don't forget to check off all the tasks before moving on.

Sample solutions:

- **initials.py**
- **snowman.py**

P.S. If you make something cool, share it with us!

Hint

Tag @Codecademy on Twitter or make a Pull Request to the Learn Python GitHub repo for a chance to be featured in the course!

initials.py

```
# Andres Bucheli
# Fun Fact: I'm cray about Web Development!
print("  A    RRRR ")
print(" A A   R   R")
print("A   A  R   R")
print("AAAAA  RRRR ")
print("A   A  R R  ")
print("A   A  R  R ")
print("A   A  R   R")
```
